User Guide

HOBLink iWT

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HOBLink iWT Software and Documentation - Legal Notice

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Issued: October 10, 2014

Purpose of this Guide

This guide is designed to provide users with detailed information concerning HOBLink iWT and to help them make the best possible use of the application.

The procedures for configuring the individual software components are documented in detail with step-by-step instructions.

Symbols and Conventions

This guide uses certain conventions and abbreviations which are explained here:

This symbol indicates useful tips that can make your work easier.

This symbol indicates additional informative text.

This symbol indicates an important tip or procedure that may have far-reaching effects. Please consider carefully the consequences of any changes and settings you make here.

- References to program commands, options and buttons are printed in **Bold**, for example: select the command **Open**.
- Cross-references to section headings and figures with numbers are marked in color as follows: Section 5 Information and Support.
- File names and text to be entered by the user are printed in `Courier New`. This input is – unless otherwise mentioned - case sensitive.
- In this documentation, HOB-specific terminology is abbreviated as follows:

HOB-specific Terminology	Abbreviation
HOB WebSecureProxy	HOB WSP
HOBLink iWT a	HOBLink iWT

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1 Introducing HOBLink iWT

HOBLink iWT is an RDP remote connectivity client that provides secure remote access from any iPad running iOS 3.2 (or later) to Windows applications running on Windows XP Professional, Windows Vista Business, Windows 7 Professional or Windows 8 or Windows 8.1 on the client side and Windows Server 2003, Windows Server 2008/R2 or Windows Server 2012 on the server side.

HOBLink iWT enables fast and easy access to centrally stored Windows applications without requiring any additional server components for communication. When used together with HOB WebSecureProxy, HOBLink iWT also protects your Terminal Servers from unauthorized Web access.

1.1 Features of HOBLink iWT

With HOBLink iWT you have the following benefits:

- Single-user remote access to Windows applications
- Reconnect if the connection is interrupted
- Multiple, parallel sessions
- Wake-on-LAN
- Load balancing
- Comprehensive on-screen Windows keyboard
- External keyboard support
- Portrait and landscape modes
- Security using certificates
- Application serving
- VNC bridge in conjunction with HOB WSP
- Connection broker
- Fast reconnect – if no Username and Password were entered into the configuration and your session disconnects due to a network problem you will be asked if the session should be terminated or restored (without having to enter a Username or Password again).

1.2 Connecting HOBLink iWT to your network

There are two communication scenarios that are possible for HOBLink iWT, both of which will be set up by your IT administrators:

1. Direct communication between HOBLink iWT and the company network. The advantage of using direct communication is that it is easy to use.

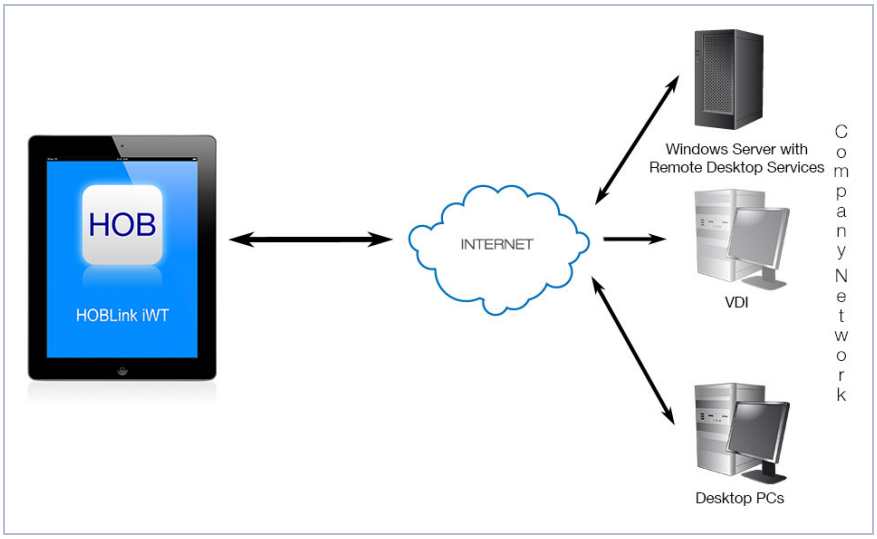

Figure 1: Diagram of Direct Communication

2. Communication between HOBLink iWT and the company network over the HOB RD VPN WebSecureProxy (HOB WSP). HOB RD VPN is a software solution that is specially designed to give you secure remote access over the Internet to the resources in your corporate network. HOB WSP is the server component of HOB RD VPN.

   The advantage of using communication over HOB WSP is that it offers an even higher level of security requiring certificates. In addition, it is also encrypted with SSL (see Figure 2 on page 8).

HOB WebSecureProxy is not included in the HOBLink iWT solution. HOB WSP can be obtained at additional cost. If your company uses HOB WSP, please contact your IT administrator for configuration details.

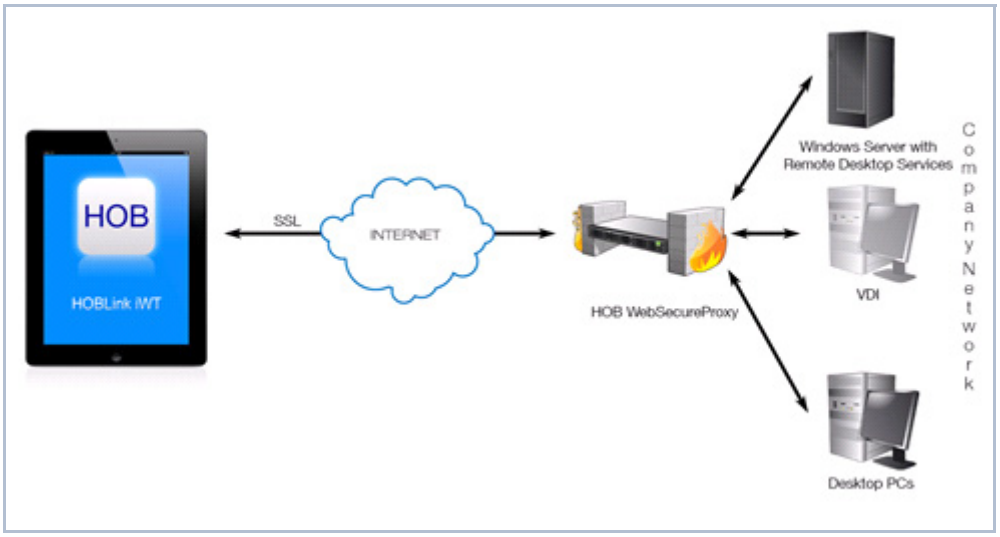

Figure 2: Diagram of Communication over the HOB RD VPN WebSecureProxy

2 System Requirements

HOBLink iWT is the client component of the secure mobile access software solution from HOB.

HOBLink iWT supports the following Apple product:

- iPad

HOBLink iWT requires the following Apple OS to be installed:

- iOS 3.2 or later

2.1 Hardware/Memory Requirements

Client:

- iPad basic version
- Minimum: iPad WiFi 16 GB RAM

RDP Connections to following systems:

Hardware requirements for Windows Terminal Services that support RDP connections or Servers with Remote Desktop Services differ depending on several factors:

- The number of clients who will be granted access rights
- The applications running on the server
- The behavior of the users

Desktop operating systems:

- Windows XP Professional
- Windows Vista Business
- Windows 7 Professional
- Windows 8
- Windows 8.1

Server operating systems:

- Windows Server 2003
- Windows Server 2008/R2
- Windows Server 2012

3 Installing HOBLink iWT

HOBLink iWT can be downloaded onto your iPad and installed exactly as any other iPad application via the App Store. You only need to have an iTunes account with an Apple ID. HOBLink iWT is available for download free from the App Store.

1. Open the App Store.
2. Search for HOBLink iWT.

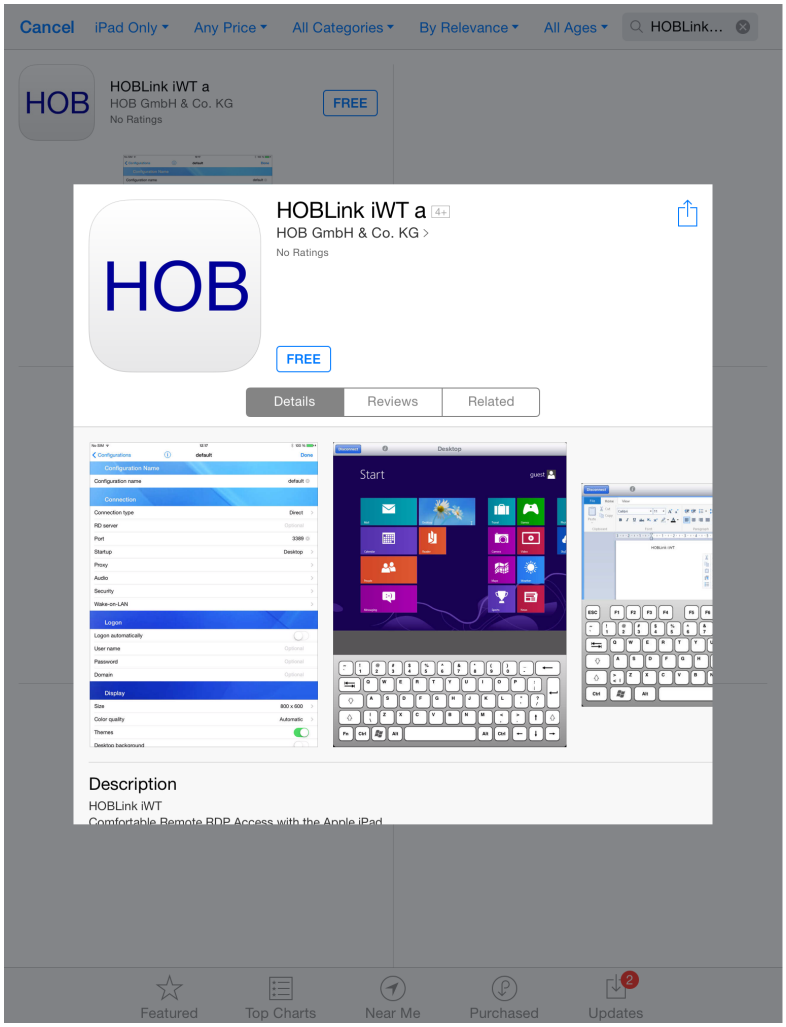

Figure 3: App Information

3. Tap **Free** and then **Install** to download the app.

4. Enter your Apple ID and password.

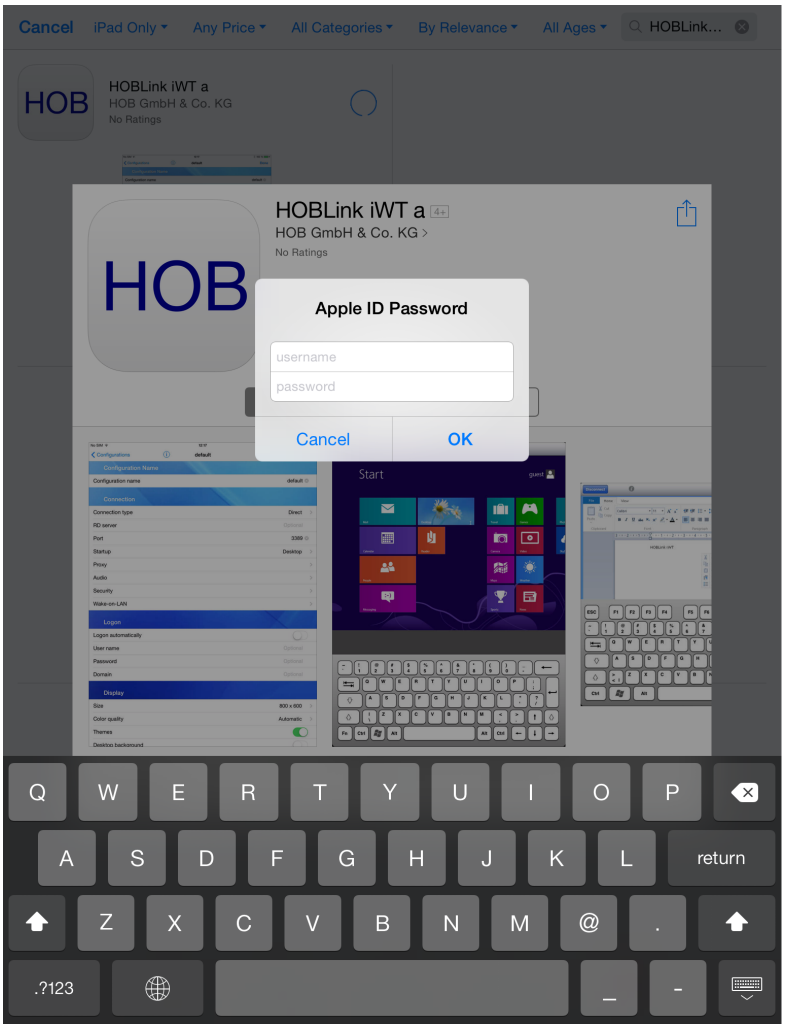

Figure 4: Enter Apple ID

Once the download process is complete, you can see the HOBLink iWT icon on the screen of your iPad.

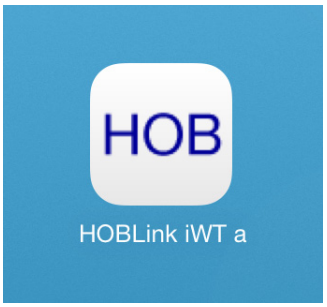

Figure 5: HOBLink iWT App Icon

If you cannot see this icon, or have any problems during the download process, please contact your IT administrator.

4 Configuration

The **Configurations** screen is the control center for all configurations. Here you can do the following:

- Create, edit, rearrange and delete various HOBLink iWT configurations
- Start HOBLink iWT sessions
- View product information

To configure HOBLink iWT, tap the **HOBLink iWT App Icon** (see Figure 5 on page 12) on the screen of your iPad. The **Configurations** screen is displayed.

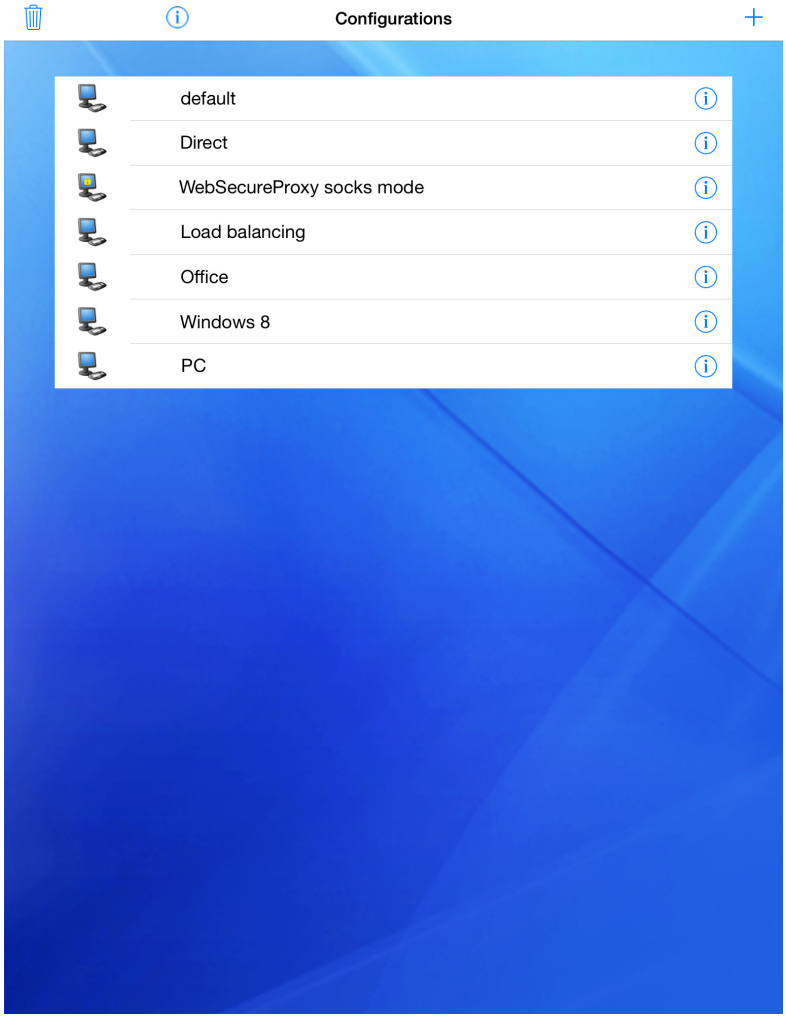

Figure 6: Configurations

All configurations are listed on this screen. If you are using HOBLink iWT for the first time, you will only have the **default** configuration (as seen at the top of the list). This can be used as a template for new configurations or you can use it to connect to a session. See Section 5 Starting a HOBLink iWT Session on page 51 for more information.

Please note that any changes made to the **default** configuration are saved and will then be used as the default when creating new configurations.

The buttons on the **Configurations** screen (see Figure 6 on page 13) have the following functions:

Tap the **Info** button to the right of a configuration to edit it. Tap the **Info** button at the top of the screen to view HOBLink iWT product information.

Tap the **Delete** button to delete or move configurations (see Figure 7 on page 15 and Figure 8 on page 16).

Tap the **Plus** button to add a new configuration and to open the **Connection Configuration** screen (see Figure 9 on page 17).

Tap the **Delete** button on the **Configurations** screen (see Figure 6 on page 13) to delete or move configurations in the list. The following screen is displayed:

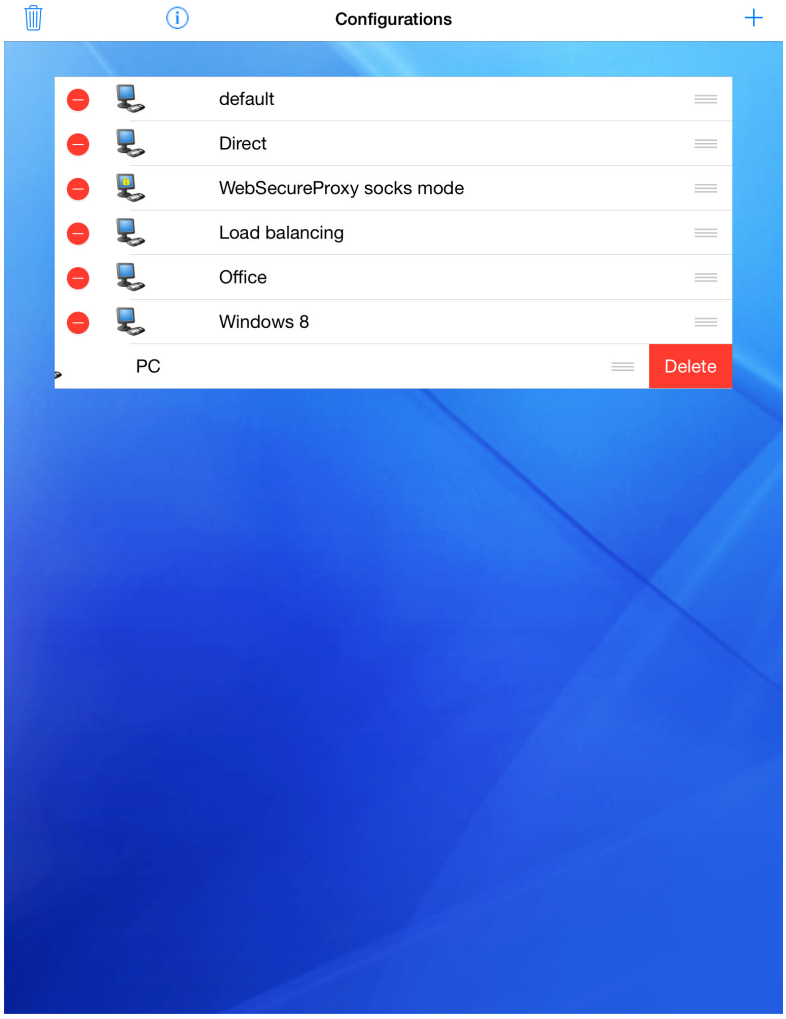

Figure 7: Delete Configuration

Here you have the following options:.

Tap the **Delete** symbol to select a configuration. The **Delete** button appears to the right of the configuration.

Delete — Tap the **Delete** button to delete the configuration. Tap anywhere to cancel the action.

Tap the **Move** button to move the configuration (see Figure 8 on page 16).

The buttons at the top of the screen have the following functions:

Tap the **Info** button to view HOBLink iWT product information.

Tap the **Delete** button to delete or move configurations (as can be seen above).

Tap the **Plus** button to add a new configuration and to open the **Connection Configuration** screen (see Figure 9 on page 17).

Tap the **Move** button on the **Delete Configuration** screen (see Figure 7 on page 15) to reposition a configuration.

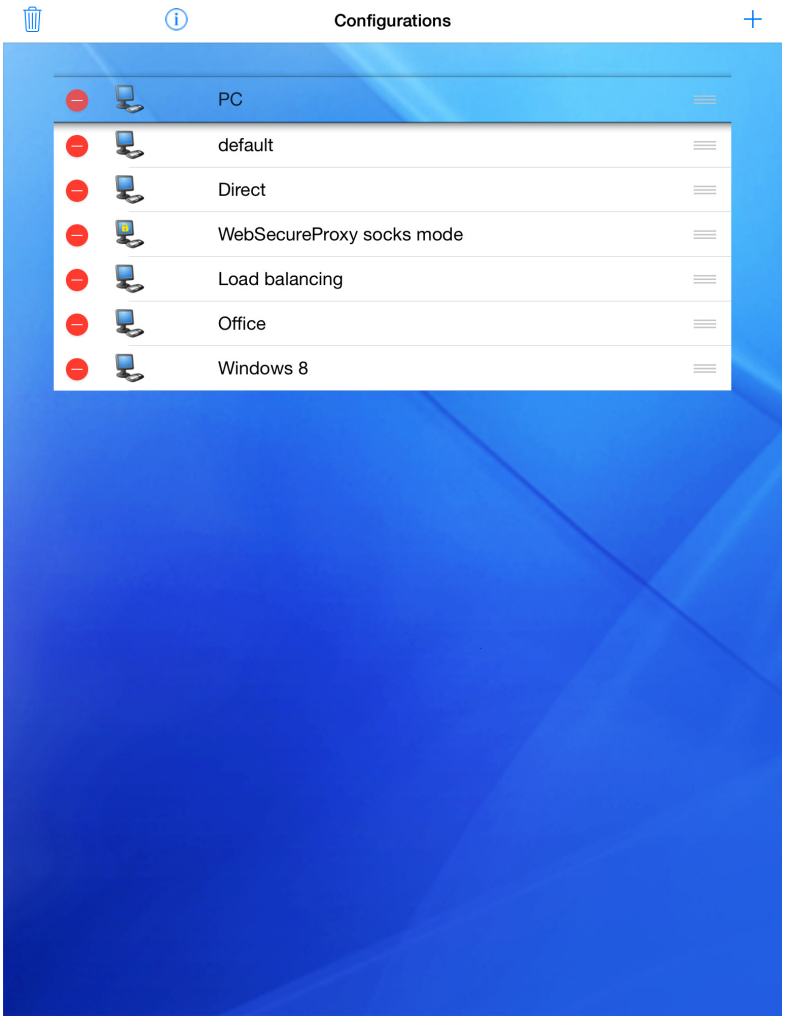

Figure 8: Move Configuration

Tap the **Move** button to the right of the configuration to be moved. Drag the configuration to the desired position. (In the screen above, the **PC** configuration is being dragged to the top of the list.) Drop the configuration to place it in the new position. The buttons at the top of the screen have the following functions:

Tap the **Info** button to view HOBLink iWT product information.

Tap the **Delete** button to delete or move configurations (as can be seen above).

Tap the **Plus** button to add a new configuration and to open the **Connection Configuration** screen (see Figure 9 on page 17).

Tap the **Plus** button on the **Configurations** screen (see Figure 6 on page 13) to open a new configuration. Here you can do the following:

- Name or edit a configuration
- Choose a connection type
- Edit or save your logon information
- Set the size and color quality of the display
- Set audio settings
- Load or clear certificates

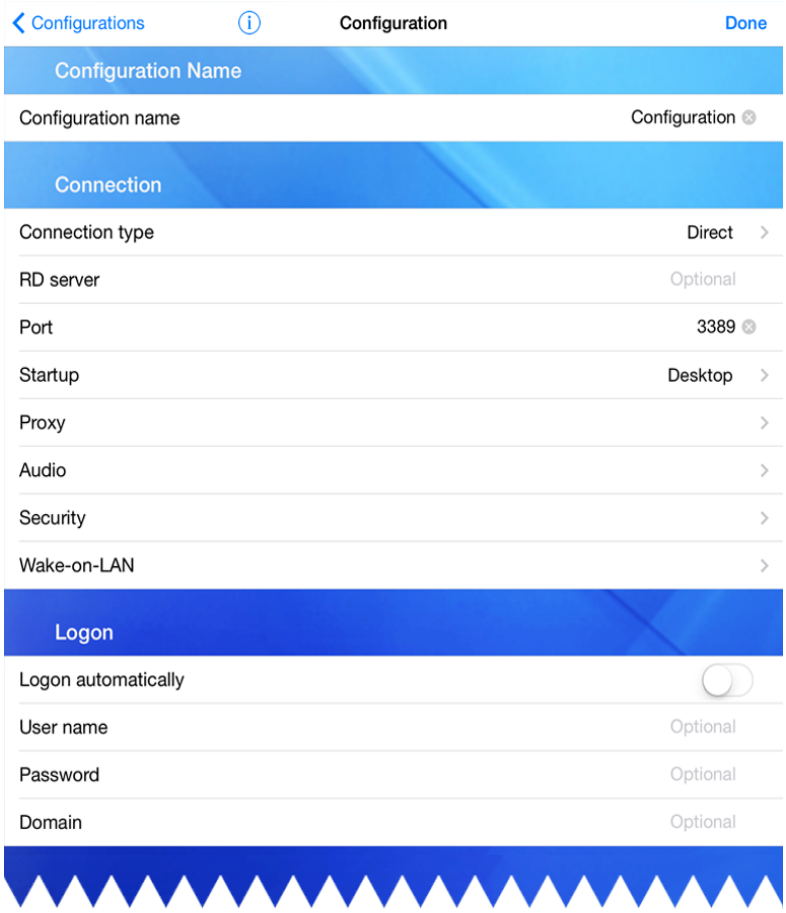

Figure 9: Connection Configuration

Not all configuration settings are displayed on this screen. Scroll down for the remaining settings (see Figure 10 on page 18).

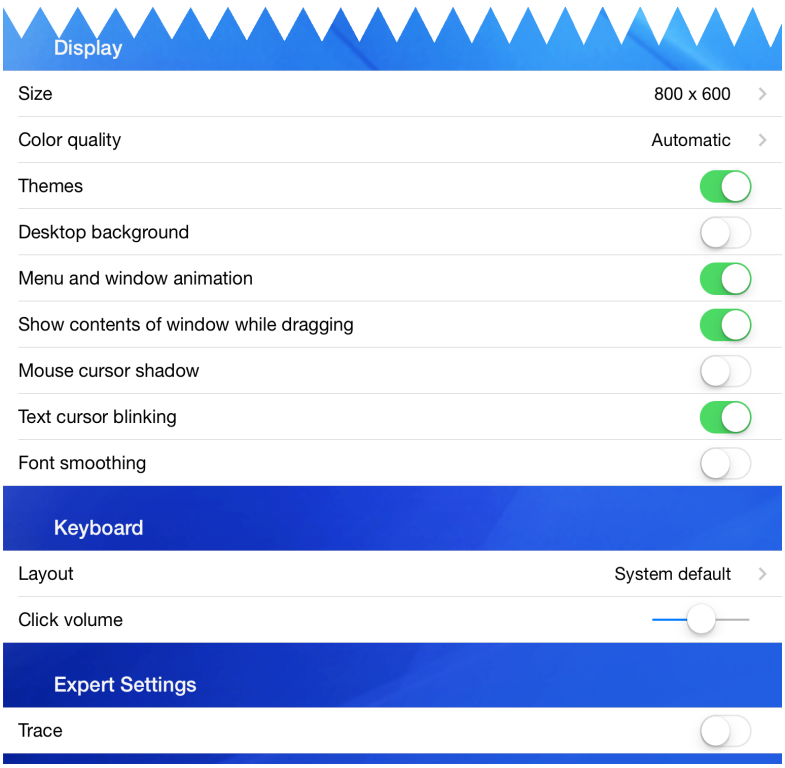

Figure 10: Connection Configuration Continued

The following can be configured on the **Connection Configuration** screen (see Figure 9 on page 17):

4.1 Configuration Name

Configuration name – HOBLink iWT automatically names every new configuration **Configuration**. Tap this field to open it for editing and then give the configuration a new name. The name of the configuration will also appear in the gray bar at the top of the screen.

4.2 Connection

Connection type – tap **Connection type** on the **Connection Configuration** screen (see Figure 9 on page 17) to display the following screen:

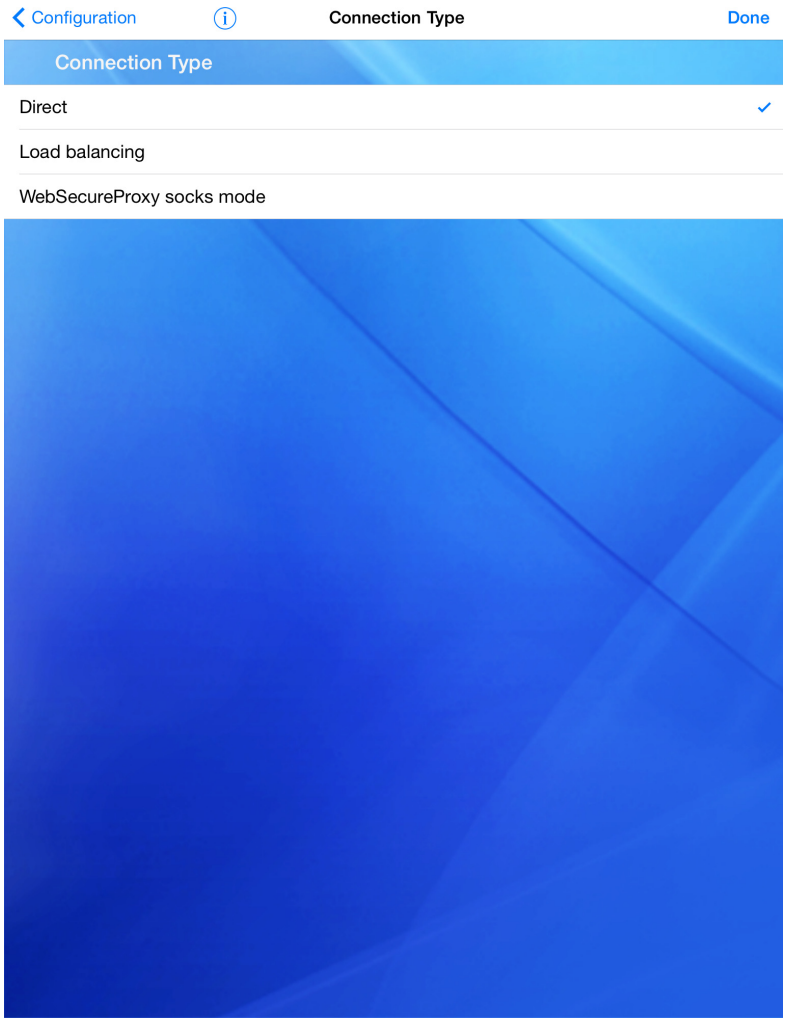

Figure 11: Connection Type

Tap a connection type to select it. There are 3 connection types:

- **Direct** – see Section 4.2.1 Connection Type – Direct on page 21.
- **Load balancing** – see Section 4.2.2 Connection Type – Load Balancing on page 35.
- **WebSecureProxy socks mode** – see Section 4.2.3 Connection Type – WebSecureProxy Socks Mode on page 39.

The options following **Connection type** differ depending on which connection type has been chosen. Refer to the appropriate connection type sections for more information.

You have the following options on the **Connection Type** screen (see Figure 11 on page 19):

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

4.2.1 Connection Type – Direct

Direct is the default connection type (see Figure 9 on page 17). Here you can set the following:

- **RD server** (**R**emote **D**esktop server) – enter the IP address or the host name of the server to be connected to (e.g. `Companyserver1`).
- **Port** – enter the number of the port here. The default port is `3389`.
- **Startup** – tap **Startup** to display the following screen:

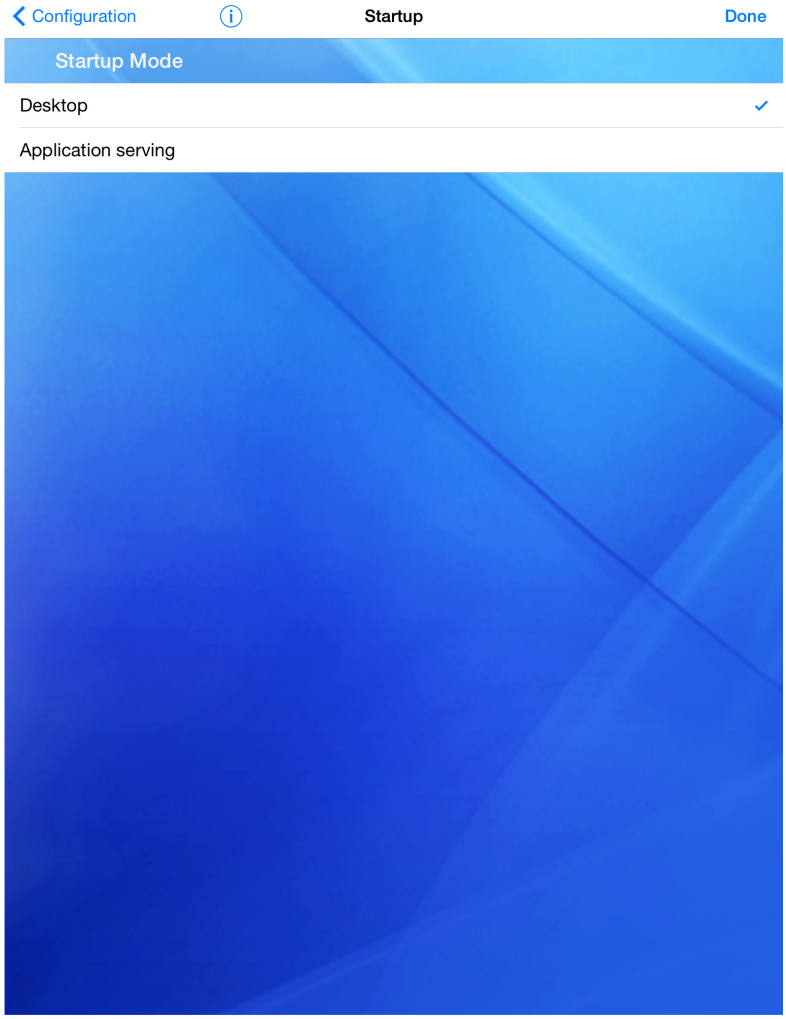

Figure 12: Startup Options

You have two options here:

- **Desktop** – this displays the desktop upon starting the session.
- **Application serving** – this opens a specific application upon starting the session. Tap to display the **Application Serving** screen (see Figure 13 on page 23).

The options on the **Startup Options** screen (see Figure 12 on page 21) have these functions:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

Tap **Application serving** on the **Startup Options** screen (see Figure 12 on page 21) to display the **Application** fields:

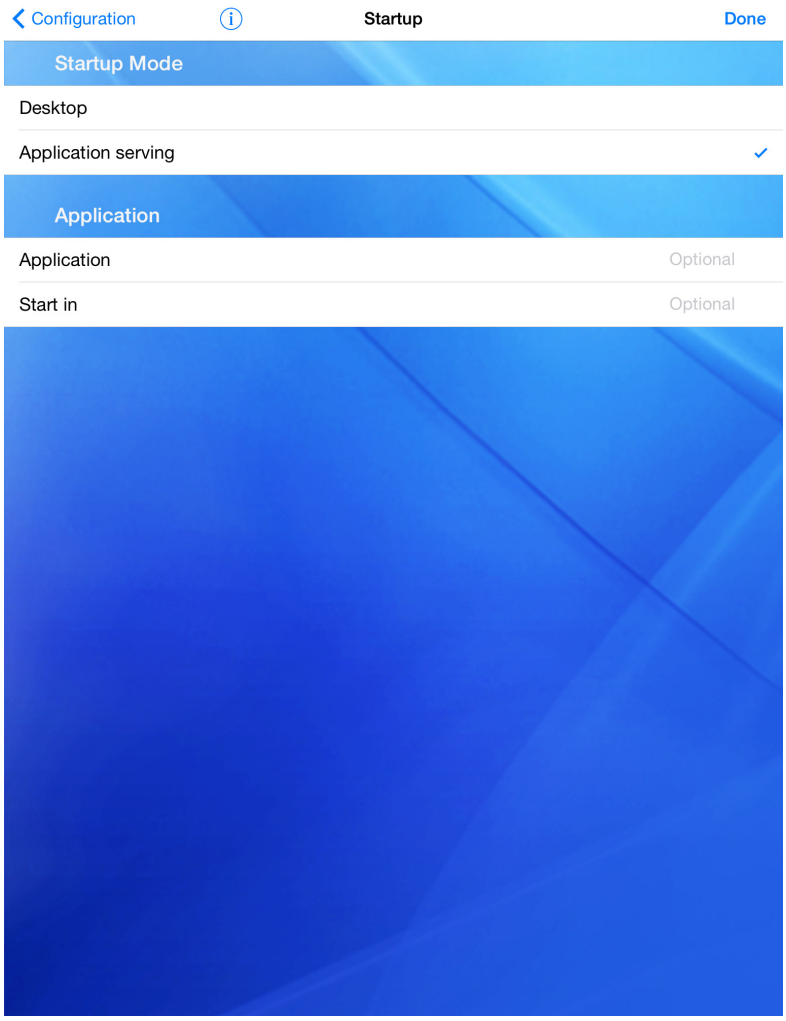

Figure 13: Application Serving

- **Application** – enter the path and file name of the application to be run upon starting the session (e.g. `C:\Program Files\Program\ program.exe`).
- **Start in** – enter the name of the path where the program is executed.

You also have the following options on this screen:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

ⓘ Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

- **Proxy** – tap **Proxy** on the **Connection Configuration** screen (see Figure 9 on page 17) to display the following:

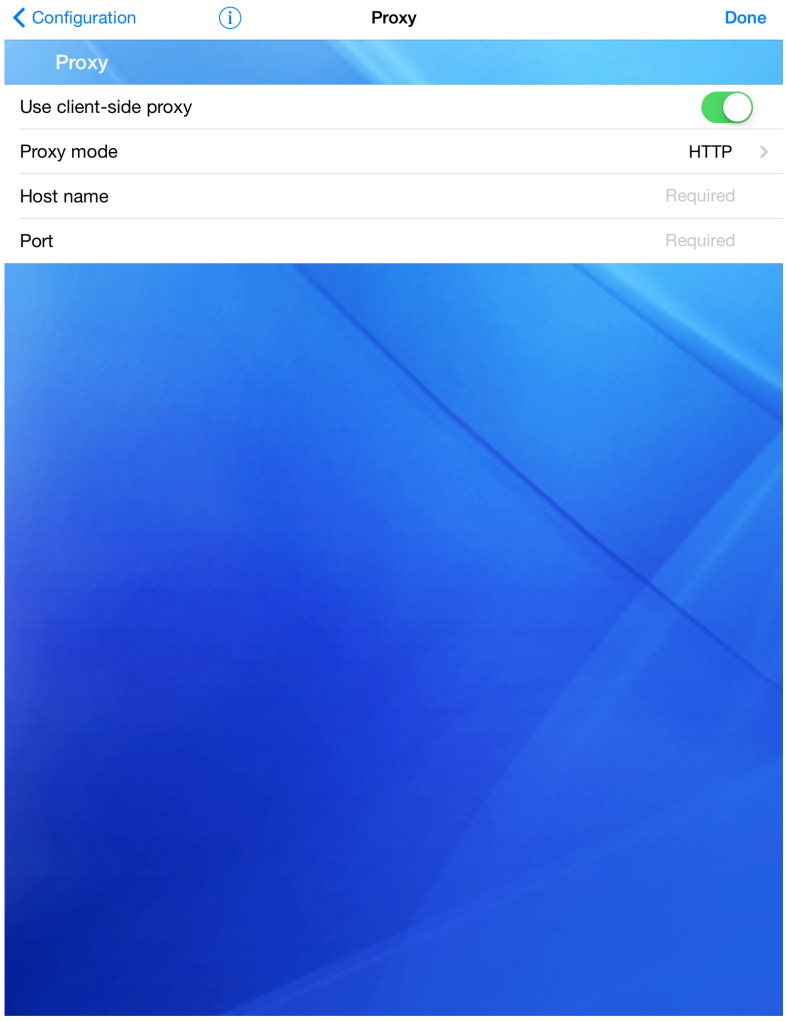

Figure 14: Proxy Options

- **Use client-side proxy** – turn this **ON** to activate the following settings:
- **Proxy mode** – see Figure 15 on page 27.
- **Host name** – enter the name of the host here.
- **Port** – enter the number of the port here.

You also have the following options on this screen:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

ⓘ Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

Tap **Proxy Mode** on the **Proxy Options** screen (see Figure 14 on page 25) to display the following screen:

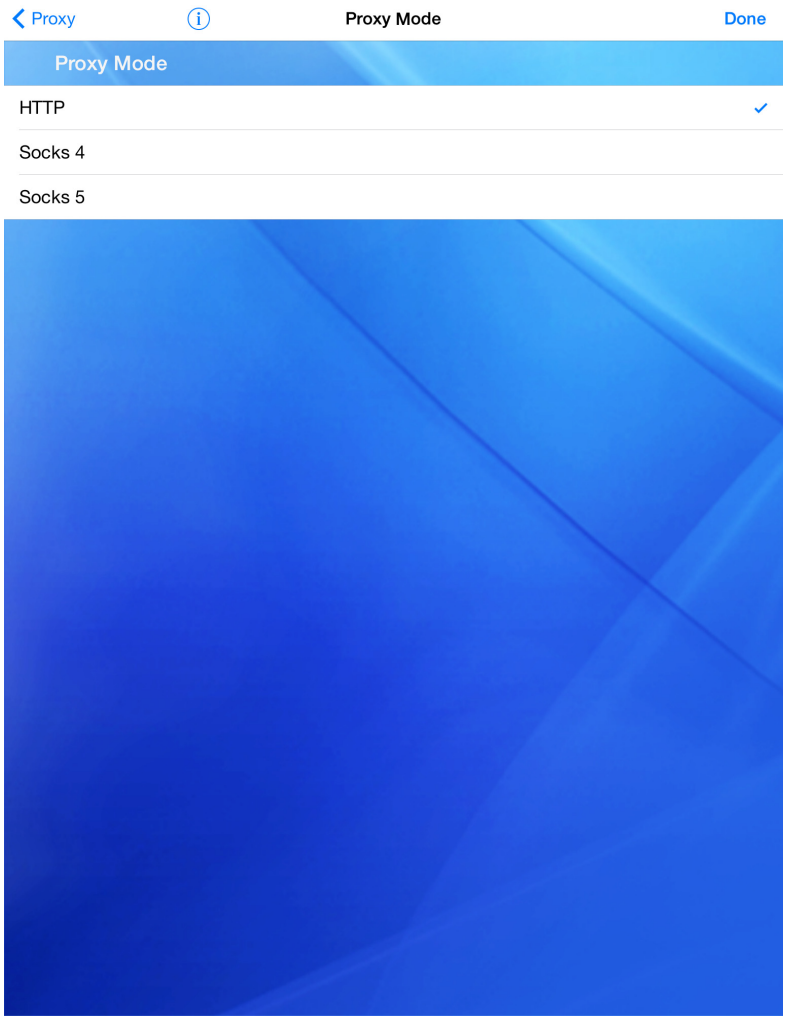

Figure 15: Proxy Mode

Here you choose the type of proxy mode that you would like to use.

Please ask your IT administrator what settings you should make here.

You also have the following functions on this screen:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Proxy Tap **Proxy** to return to the **Proxy Options** screen without saving any changes.

Please note that while tapping **Proxy** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

- **Audio** – tap **Audio** on the **Connection Configuration** screen (see Figure 9 on page 17) to display the following.

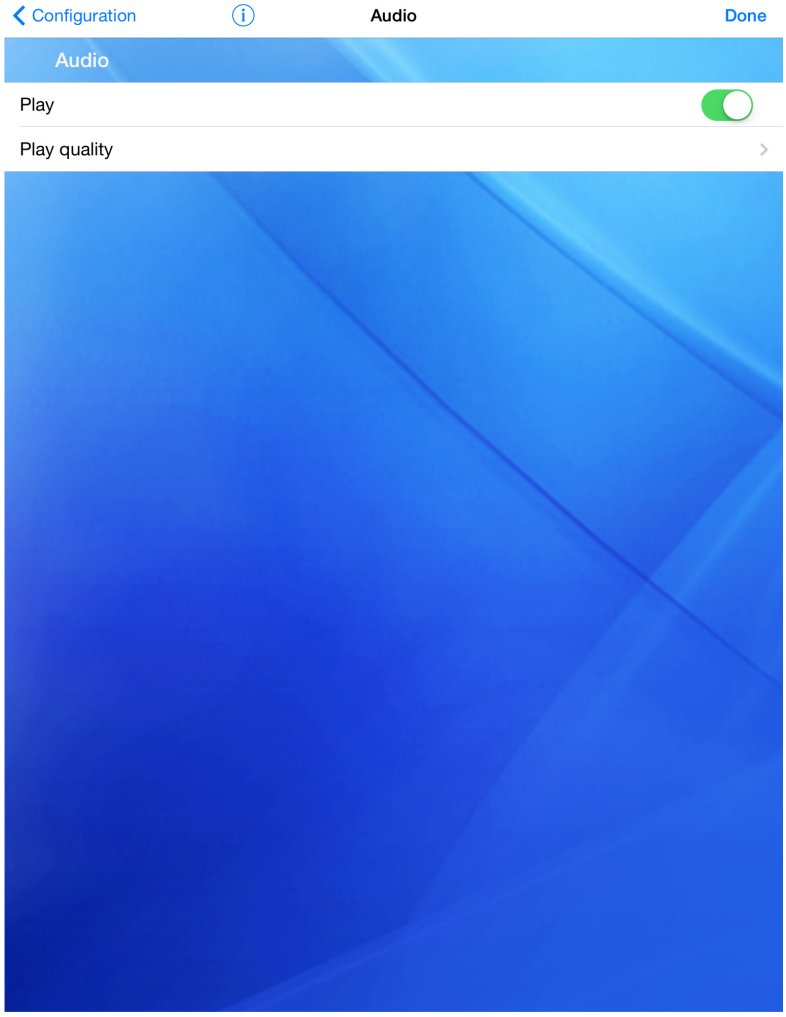

Figure 16: Audio Options

Audio

- **Play** – turn this to **ON** to display the following field:
- **Play quality** – displays the **Play Quality** screen (see Figure 17 on page 31).

Supported audio formats are PCM, AAC and A-law.

You also have the following options on this screen:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named “**Configuration**”, instead it will show the name that you have given the configuration (e.g. **Office PC**).

Tap **Play quality** on the **Audio Options** screen (see Figure 16 on page 29) to display the following screen:

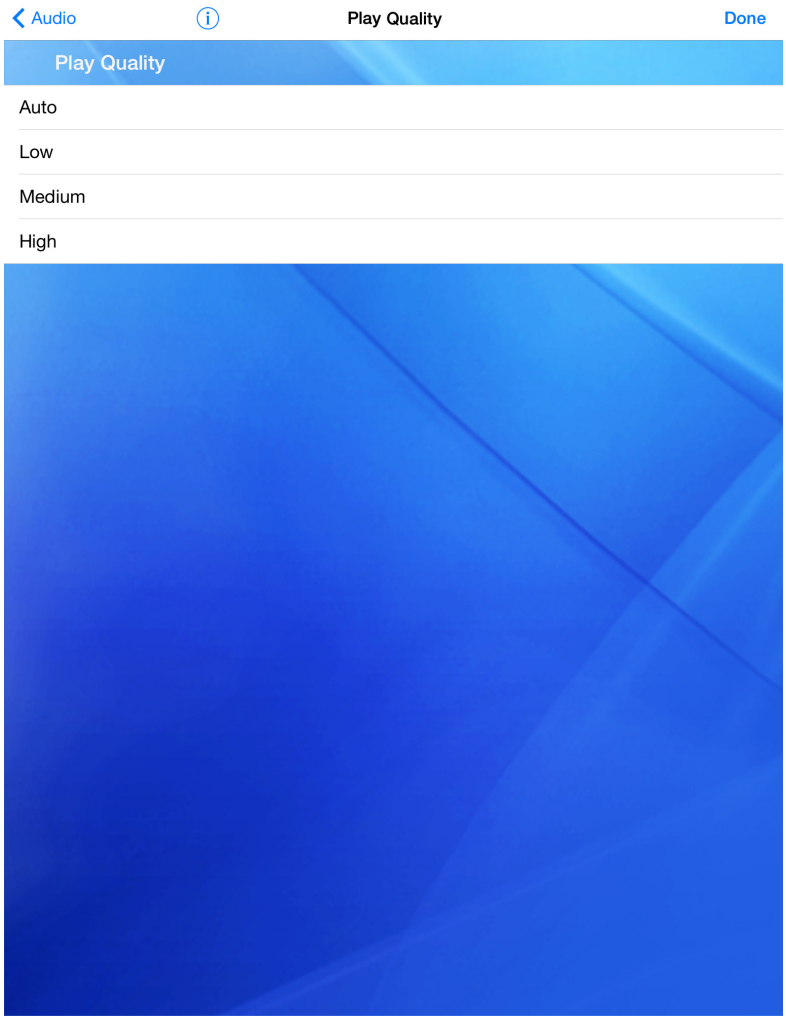

Figure 17: Play Quality

Play Quality

Choose the level of quality desired.

Choosing a lower quality could increase performance.

You also have the following options on this screen:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Audio Tap **Audio** to return to the **Audio Options** screen without saving any changes.

- **Security**

This option allows you to load and delete certificates. In some cases it could be necessary to import certificates when using HOBLink iWT in connection with HOB RD VPN.

Please ask your IT administrator if it is necessary to import certificates.

Tap **Security** on the **Connection Configuration** screen (see Figure 10 on page 18) to display the following:

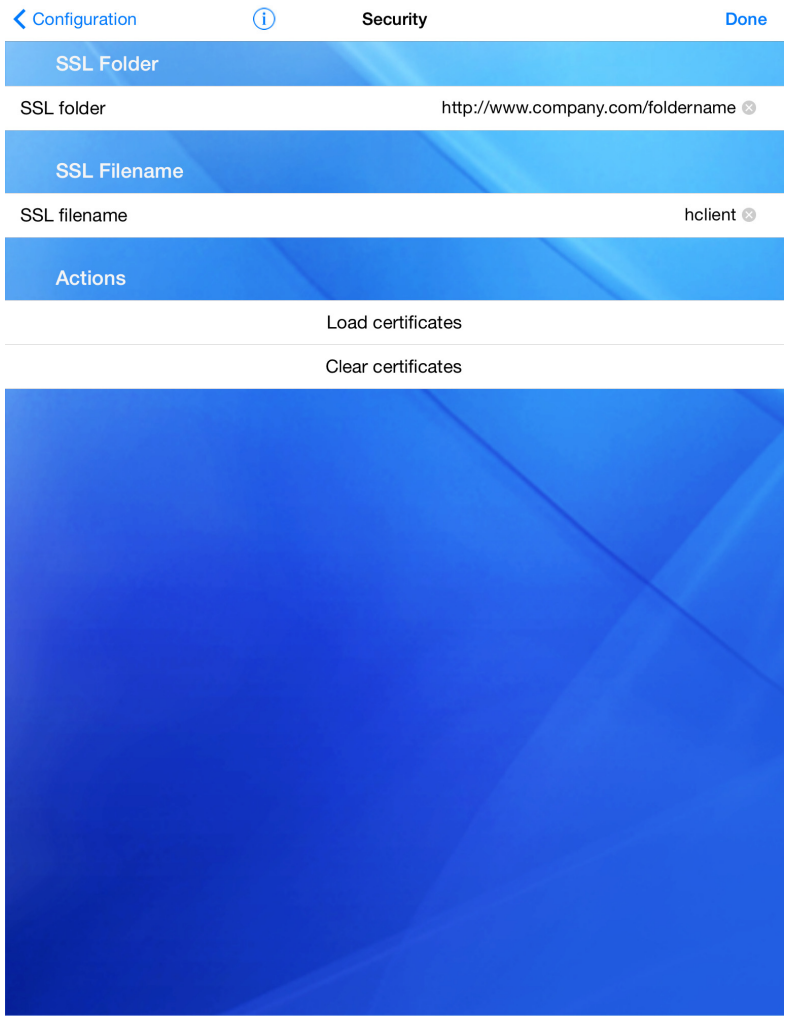

Figure 18: Security Options

Here you have the following options:

SSL Folder

- **SSL folder** – enter the path of the SSL folder containing the certificates here.

SSL Filename

- **SSL filename** – enter the name of the SSL file here.

Actions

- **Load certificates** – tap to load the certificates.
- **Clear certificates** – tap to clear all loaded certificates.

Please ask your IT administrator for the SSL folder and SSL filename.

The options on the **Security Options** screen (see Figure 18 on page 32) have the following functions:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

- **Wake-on-LAN**

Wake-on-LAN allows remote access to a workstation even if it has been shutdown. Wake-on-LAN uses **Broadcast** mode to send a packet (containing the workstation's Mac address) to the workstation to be woken up remotely. See Figure 19 on page 34 for more information.

The workstation, BIOS and Network interface must be configured to listen to port 9 in order to receive the packet and they must support Wake-on-LAN. Please refer to proper documentation for your workstation for more information.

Tap **Wake-on-LAN** on the **Connection Configuration** screen (see Figure 9 on page 17) to display the following:

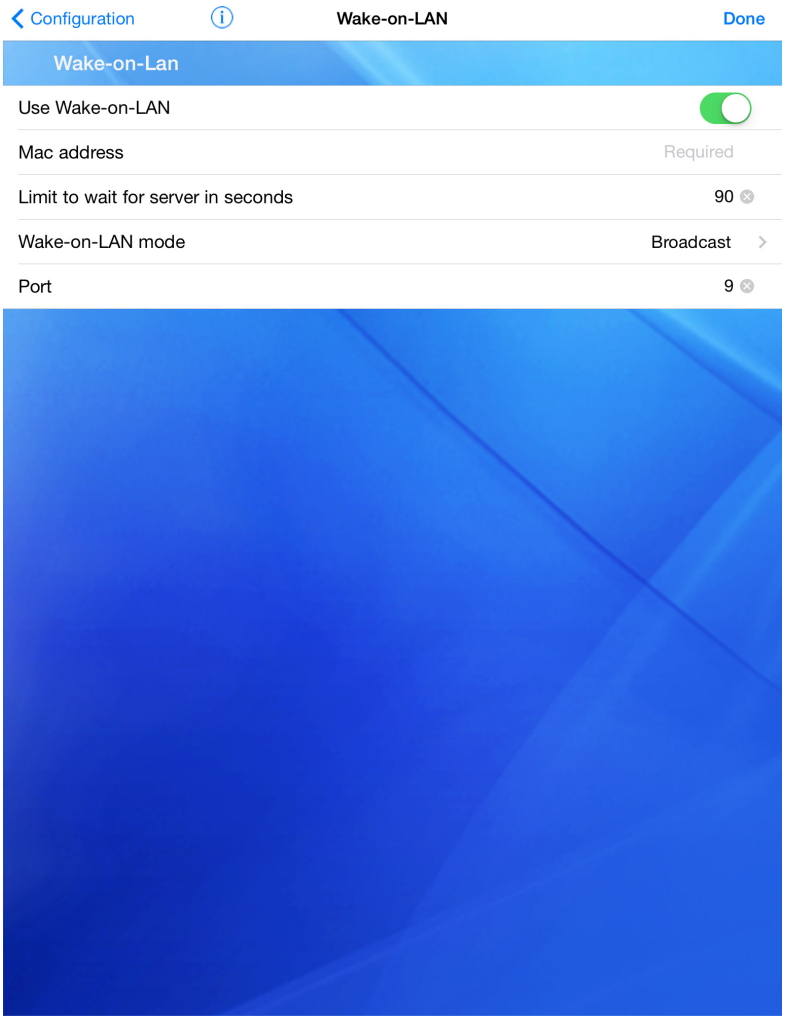

Figure 19: Wake-on-LAN Options

You can set the following on this screen:

- **Use Wake-on-LAN** – turn this **ON** to activate the fields below:
  - **Mac address** – enter the Mac address of the workstation to be woken up here.
  - **Limit to wait for server in seconds** – enter the amount of time the server should wait while attempting to connect to the selected workstation.
    If a connection is not made within this period of time, the connection attempt will be aborted. The default setting is `90` seconds.
  - **Wake-on-LAN mode** – **Broadcast** – this mode uses a port to search for all responding servers that are available for selection. Broadcast is the only available mode.

Please make sure your network is able to support Wake-on-LAN per **Broadcast** mode.

- **Port** – specify the port to be used for **Broadcast** mode here. The default setting is 9.

You also have the following options on the **Wake-on-LAN Options** screen (see Figure 19 on page 34):

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

4.2.2 Connection Type – Load Balancing

HOBLink iWT supports HOB Load Balancing for Windows Servers and is an optional server component from HOB that needs to be configured on the server. For more information, please contact your HOB sales partner or contact HOB directly.

Tap **Load balancing** on the **Connection Type** screen (see Figure 11 on page 19) to display the **Load Balancing** screen:

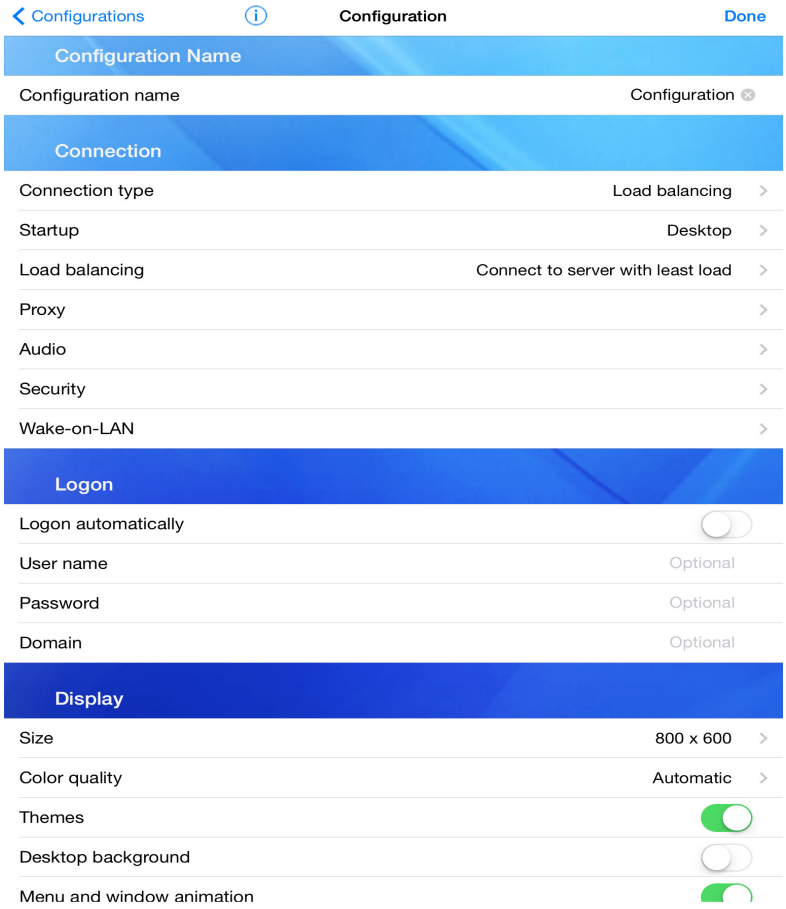

Figure 20: Load Balancing

Not all configuration settings are displayed on this screen. Scroll down for the remaining settings (see Figure 21 on page 37).

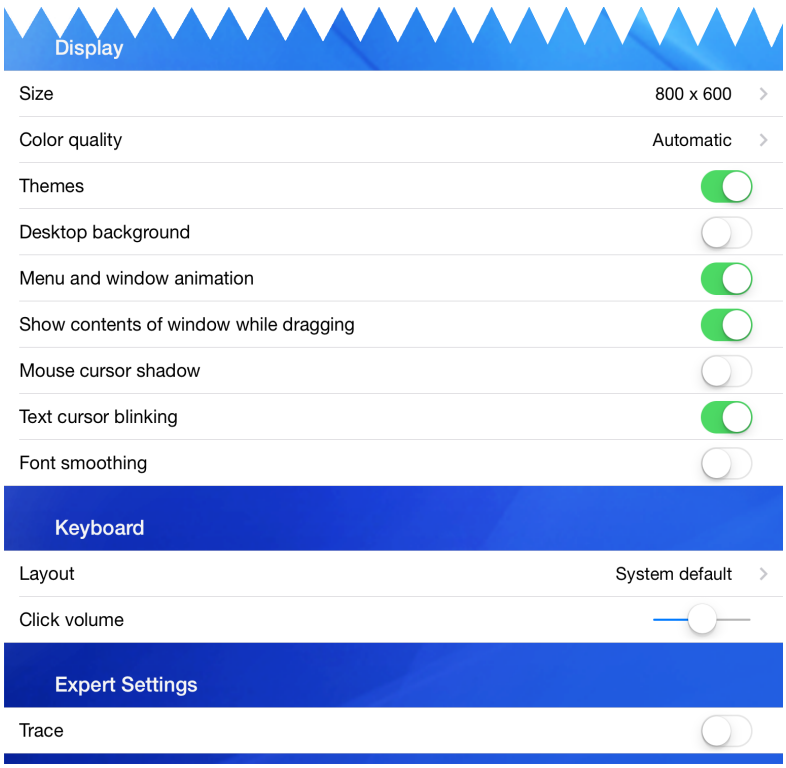

Figure 21: Load Balancing Continued

The buttons on the **Load Balancing** screen (see Figure 20 on page 36) have the following functions.

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configurations** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

You can set the following on the **Load Balancing** screen (see Figure 20 on page 36):

- **Startup** – see Figure 12 on page 21.
- **Load balancing** – tap this field to display the **Load Balancing Options** screen.

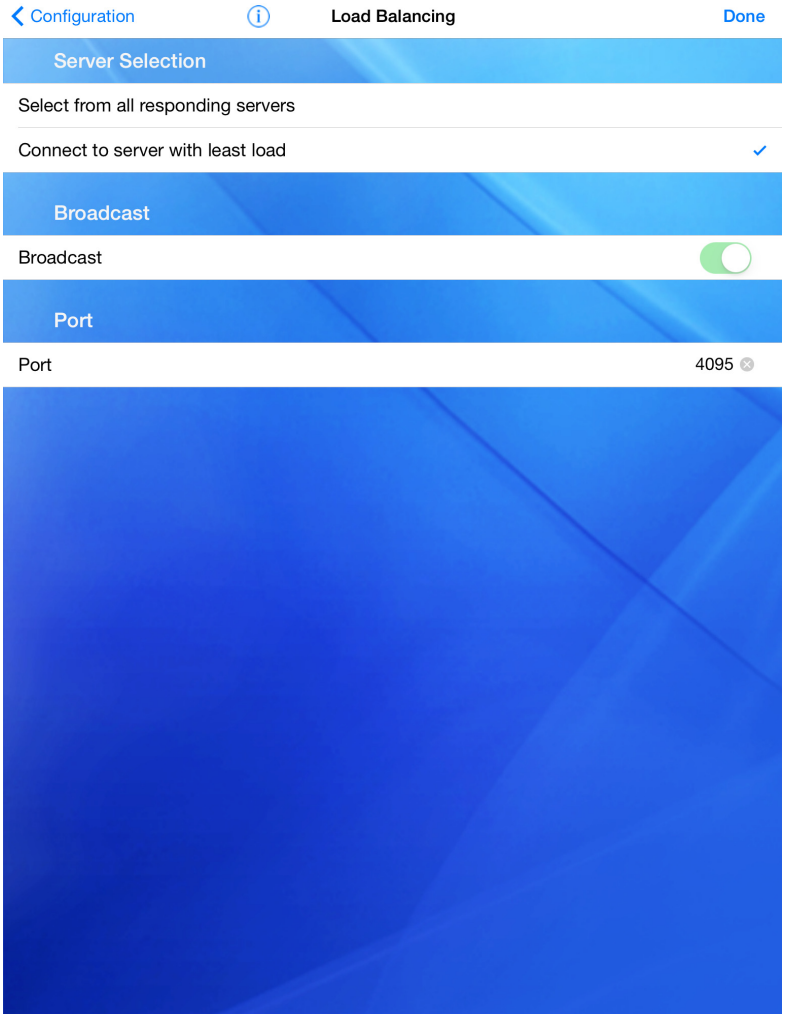

Figure 22: Load Balancing Options

Server Selection

- **Connect to server with least load** – tap this field to select it and HOBLink iWT will always connect to the server with the least load.
- **Select from all responding servers** – tap this field to select it if you would like to choose which server should be used for the connection from a list of all responding servers.

In the case of a disconnected session, HOBLink iWT will automatically reconnect to the session if **Connect to server with least load** is chosen. The disconnected session will have to be manually connected to if **Select from all responding servers** has been chosen.

Broadcast

- **Broadcast** – this is **ON** by default and cannot be turned **OFF** as **Broadcast** is the only option here. **Broadcast** uses a port to search for all responding servers that are available for selection.

Port

- **Port** – enter the port here. The default port setting for HOB Load Balancing is `4095`.
- **Proxy** – see Section 4.2.1 Connection Type – Direct on page 21.
- **Security** – see Figure 18 on page 32.
- **Wake-on-LAN** – see Figure 19 on page 34.

You also have the following options on the **Load Balancing Options** screen (see Figure 22 on page 38)

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

4.2.3 Connection Type – WebSecureProxy Socks Mode

HOB WebSecureProxy is part of the HOB RD VPN solution. Please contact your IT administrator to see if HOB RD VPN has been configured on your company network.

Tap **WebSecureProxy socks mode** on the **Connection Type** screen (see Figure 11 on page 19) to display the screen below:

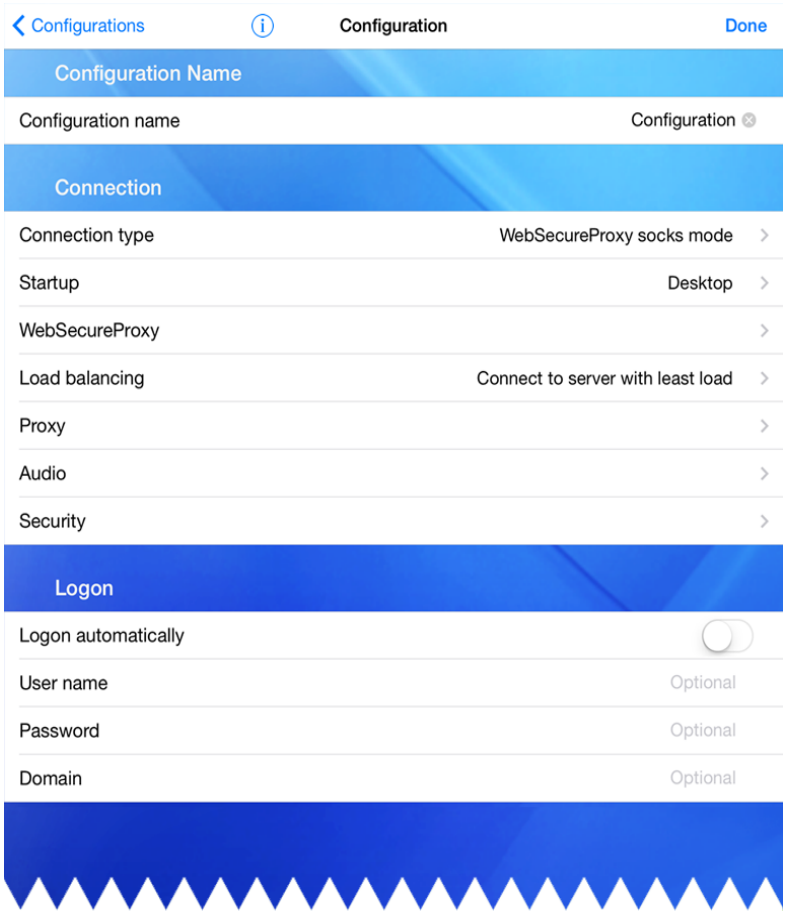

Figure 23: WebSecureProxy Socks Mode

Not all configuration settings are displayed on this screen. Scroll down for the remaining settings (see Figure 24 on page 41).

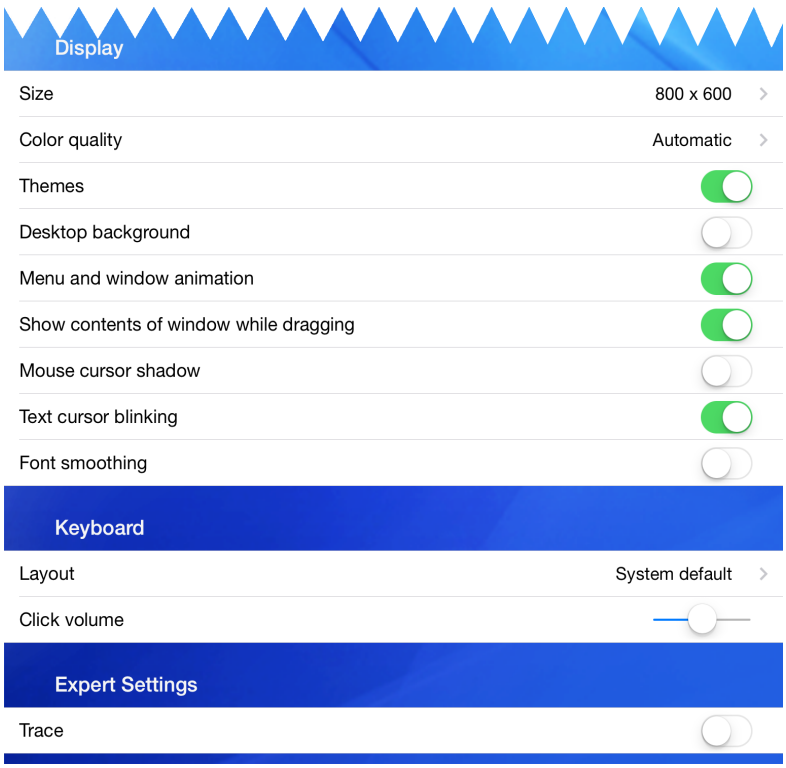

Figure 24: WebSecureProxy Socks Mode Continued

You can set the following on the **WebSecureProxy Socks Mode** screen (see Figure 23 on page 40)

- **Startup** – see Figure 12 on page 21.
- **WebSecureProxy** – see Figure 25 on page 42.
- **Load balancing** – this option is not supported by HOBLink iWT in connection with WebSecureProxy socks mode. For information on Load balancing, see Section 4.2.2 Connection Type – Load Balancing on page 35.
- **Proxy** – see Section 4.2.1 Connection Type – Direct on page 21.
- **Security** – see Figure 18 on page 32.
- **Wake-on-LAN** – this option is not supported by HOBLink iWT in connection with WebSecureProxy socks mode. For information on Wake-on-LAN, see Figure 19 on page 34.

The options on the **WebSecureProxy Socks Mode** screen have these functions:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

ⓘ Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configurations** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

Tap **WebSecureProxy** on the **WebSecureProxy Socks Mode** screen (see Figure 23 on page 40) to display the screen below:

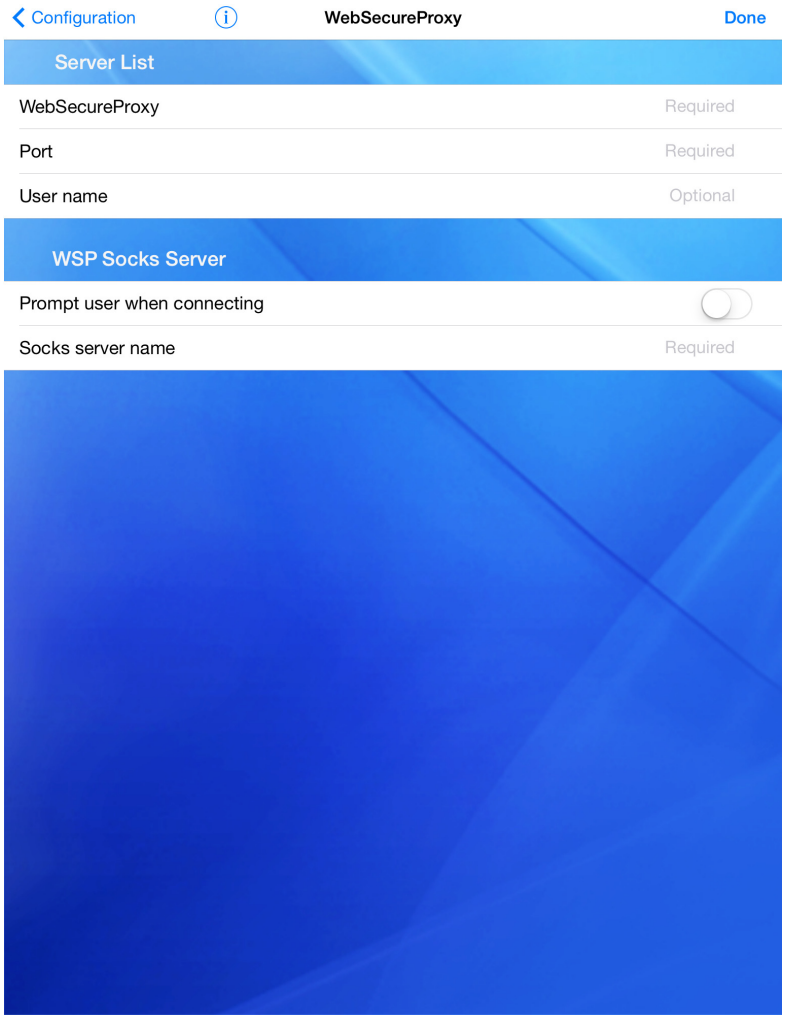

Figure 25: WebSecureProxy Options

You can set the following on this screen:

Server List

- **WebSecureProxy** – enter the address of the proxy to be used here. This can also be a DNS name or IP address (for example, `server.company.com`). This is a required field and cannot be left empty.
- **Port** – enter the number of the port (for example, `443`) for the connection here. This is a required field and cannot be left empty.
- **User name** – enter a user name for authentication for the HOB WSP here. This field is optional.

WSP Socks Server

- **Prompt user when connecting** – turn this **ON** to be prompted to enter the name of the socks server every time you start a session. Turn this **OFF** to activate the **Socks server name** field.
- **Socks server name** – Enter the name of the socks server to be connected to here. This server will be used for every session.

Please ask your IT administrator for the **Socks server name**.

The options on the **WebSecureProxy Options** screen (see Figure 25 on page 42) have the following functions:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

4.3 Logon

You have the following options under **Logon** on the **Connection Configuration** screen (see Figure 10 on page 18):

- **Logon automatically** – turn this **ON** to save your logon information. You only need to enter your logon credentials once and HOBLink iWT will use these credentials for each subsequent logon. Turn this **OFF** if you do not wish to logon automatically.

  Here you can set the following:

  1. **User name** – enter a user name for authentication for the remote desktop session here.
  2. **Password** – enter a password for authentication for the remote desktop session here.
  3. **Domain** – enter the domain name here.

Saving passwords in the configuration is a security risk and is not recommended.

4.4 Display

- **Size** – tap **Size** on the **Connection Configuration Continued** screen (see Figure 10 on page 18) to display the following:

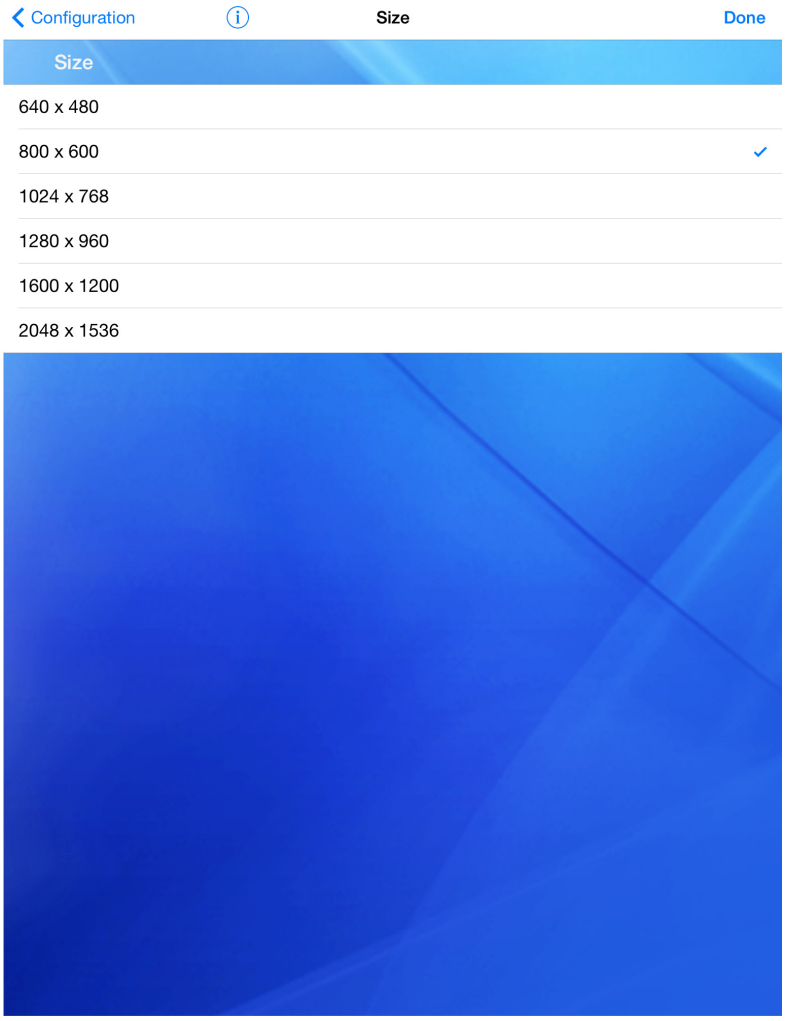

Figure 26: Size Options

You can set the size of the display here. The default setting is **800 x 600**.

Choosing a lower resolution could increase performance.

The options on this screen have the following functions:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

- **Color quality** – tap **Color quality** on the **Connection Configuration Continued** screen (see Figure 10 on page 18) to display the following:

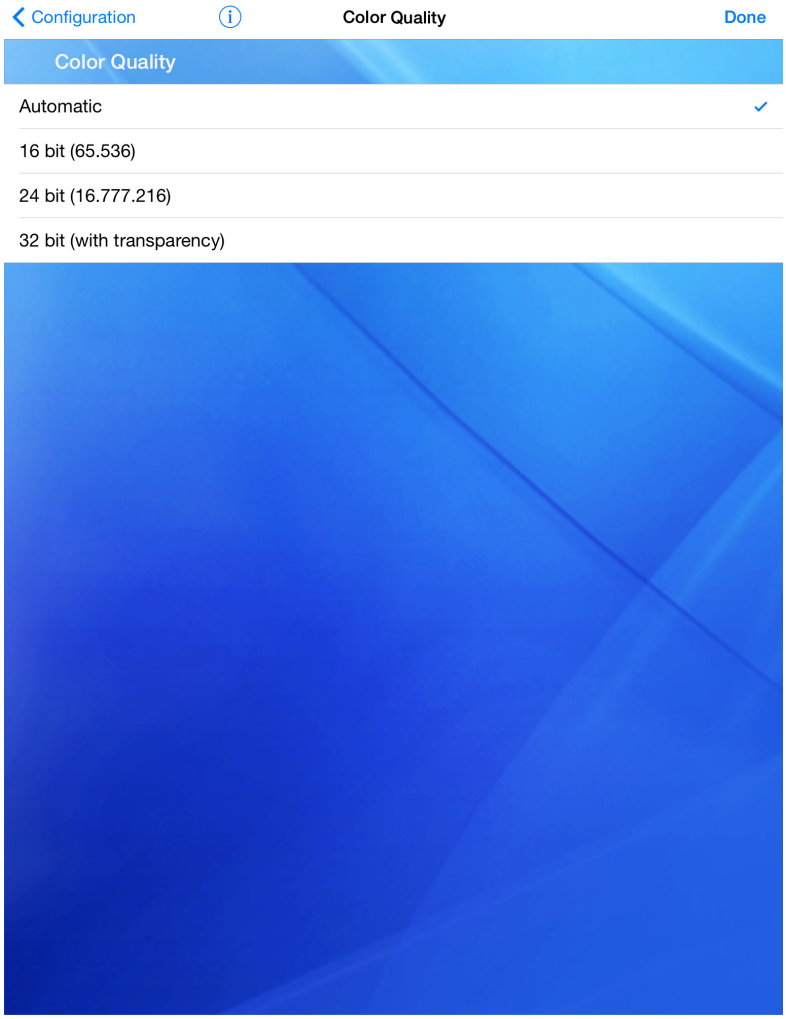

Figure 27: Color Quality

Here you can choose the desired color depth. The default is **Automatic**.

Choosing a lower color quality setting could increase performance.

The options on the **Color Quality** screen (see Figure 27 on page 45) have the following functions:

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Tap the **Info** button to view HOBLink iWT product information.

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

Please note that while tapping **Configuration** (or any button/option that takes you back to the previous page) temporarily saves your changes, no changes will be permanently saved until you tap **Done**.

ON/OFF Options

Below **Color quality** on the **Connection Configuration Continued** screen (see Figure 10 on page 18), you have display options that can be turned **ON** or **OFF**. These are as follows:

- **Themes** – turn this **ON** to allow the design of the HOBLink iWT session to be modified or **OFF** to disable this option.
- **Desktop background** – turn this **ON** to allow the desktop background of the HOBLink iWT session to be modified or **OFF** to disable this option. If the changing of the desktop background is blocked on the WTS, then this setting cannot be changed.
- **Menu and window animation** – turn this **ON** to enable options to animate menus and windows in the HOBLink iWT session or **OFF** to disable this feature.
- **Show contents of window while dragging** – turn this **ON** to show the window contents when moving or resizing a window. If you turn this **OFF**, you will see only the outline of the window when you move it.

This function can affect the system performance and increase the system load.

- **Mouse cursor shadow** – turn this **ON** to show mouse movements with a shadow or **OFF** to disable this option.
- **Text cursor blinking** – turn this **ON** to set the cursor to be shown as blinking or **OFF** to disable this option. when only a narrow network bandwidth is available.
- **Font smoothing** – turn this **ON** to allow Windows Font Smoothing in the session or **OFF** to disable this option.

4.5 Keyboard

- **Layout** – tap **Layout** on the **Connection Configuration Continued** screen (see Figure 10 on page 18) to display the following:

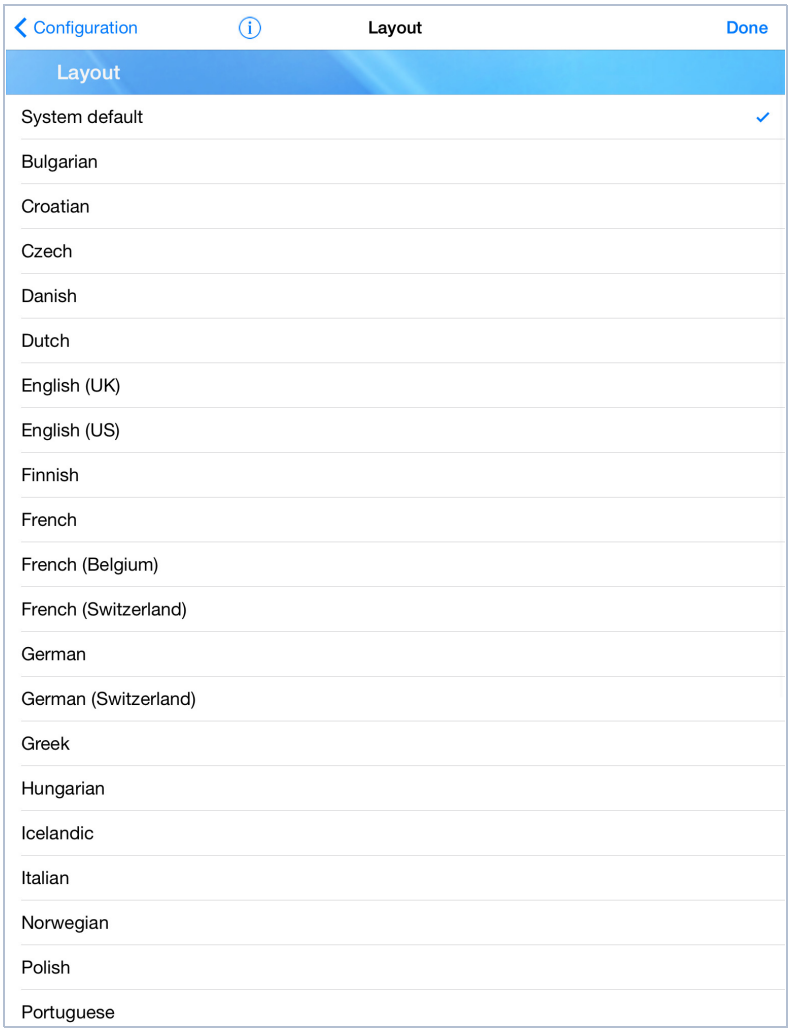

Figure 28: Keyboard Layout

Choose the language desired. You also have the following options here

Done Tap **Done** when you are finished to save your changes, which will return you to the **Configurations** screen (see Figure 6 on page 13).

Configuration Tap **Configuration** to return to the **Connection Configuration** screen (see Figure 9 on page 17) without saving any changes.

This option will not be named "**Configuration**", instead it will show the name that you have given the configuration (e.g. **Office PC**).

- **Click volume** – adjust the keyboard click volume.

If you change the keyboard layout for a configuration, the session must be logged off from the server for the change to successfully take place, disconnecting it does not suffice.

HOBLink iWT supports the following keyboard layouts:

- Bulgarian
- Croatian
- Czech
- Danish
- Dutch
- English (US)
- English (UK)
- Finnish
- French
- French (Belgium)
- French (Canada)
- French (Switzerland)
- German
- German (Switzerland)
- Greek
- Hungarian
- Icelandic
- Italian
- Norwegian
- Polish
- Portuguese (Brazil)
- Portuguese
- Romanian
- Russian
- Slovak
- Slovenian
- Spanish
- Spanish (Latin America)
- Spanish (Mexico)
- Swedish
- Turkish
- Ukrainian

4.6 Expert

- **Trace** – turn **Trace** to **ON** on the **Connection Configuration Continued** screen (see Figure 10 on page 18) to allow actions to be traced and put into a log. This is useful, for example, if you are experiencing errors.

If you have turned **Trace ON** in a configuration, start the session and find/reproduce the error. Now go back into the configuration and turn **Trace OFF** in order to restore the normal level of performance. The next time you start that session, the following screen is displayed:

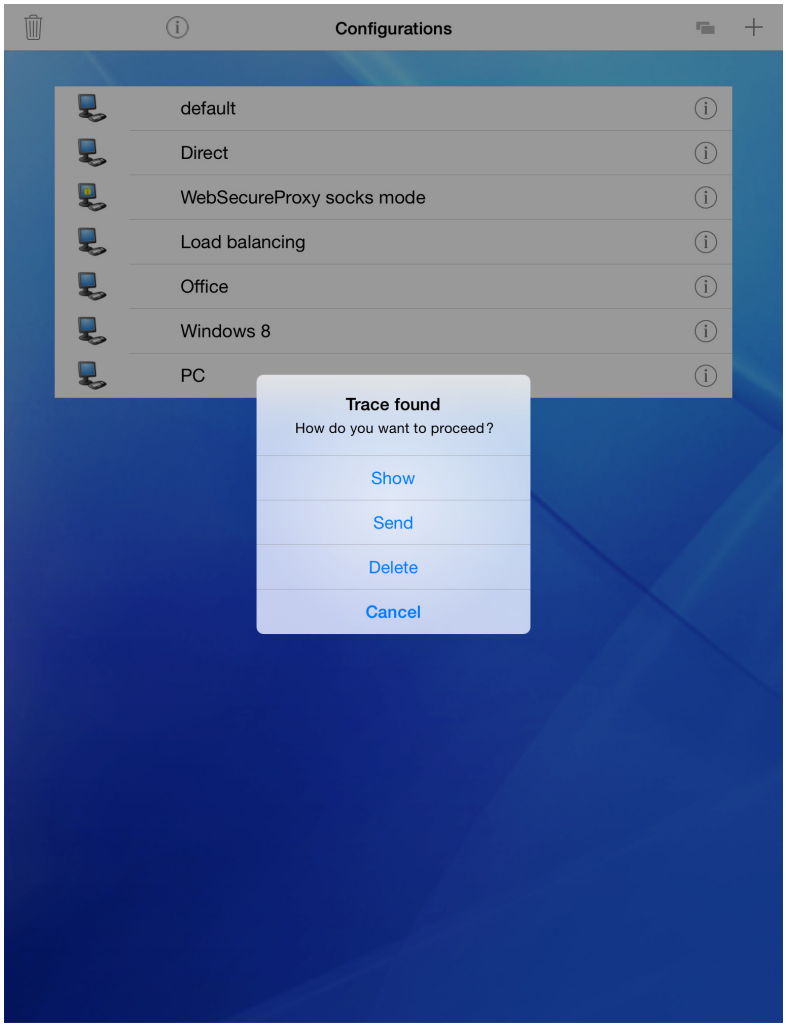

Figure 29: Trace Options

Here you have the following options:

Show Tap **Show** to view the trace log.

Send Tap **Send** to send the trace log to HOB Support.

Delete Tap **Delete** to delete the trace log and proceed with connecting to the session.

Cancel Tap **Cancel** to close the window and return to the **Configurations** screen (see Figure 6 on page 13).

5 Starting a HOBLink iWT Session

In order to start a session, tap a configuration on the **Configurations** screen (see Figure 6 on page 13). If you connect using a direct connection or the **default** configuration, the following screen will be displayed:

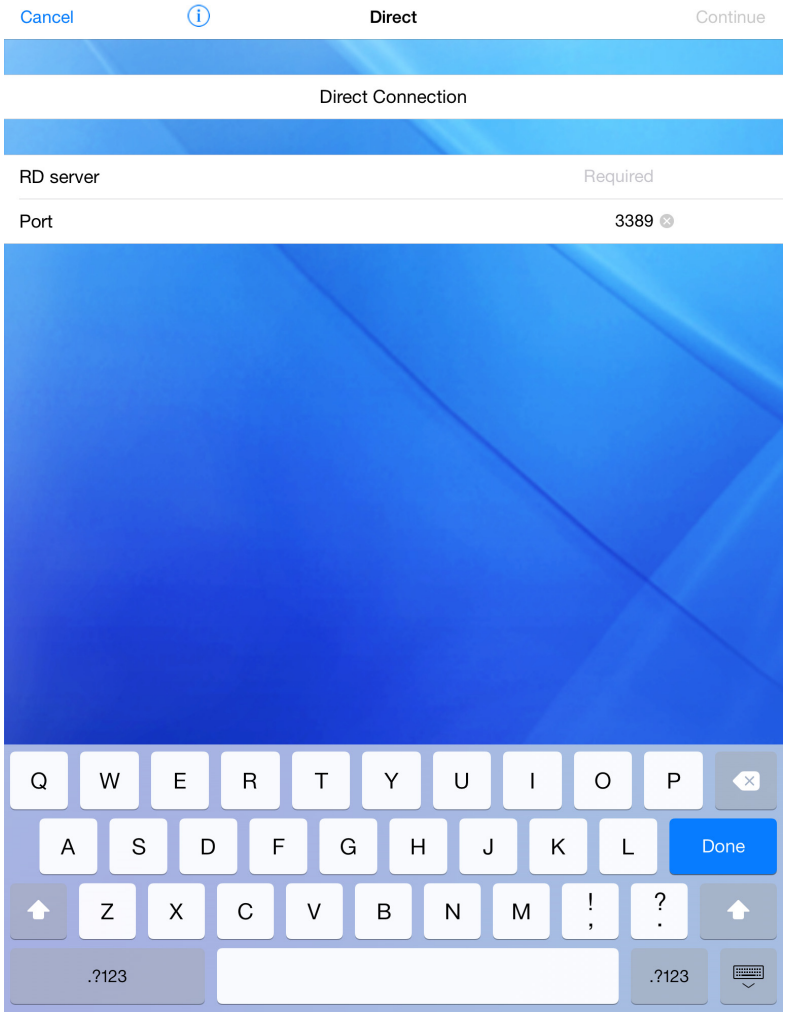

Figure 30: Direct Connection Logon

Here you set the following:

- **RD server** – enter the IP address or the host name of the server to be connected to (e.g. `Companyserver1`). This is a required field and cannot be left empty.
- **Port** – enter the number of the port here. The default port is `3389`.

There are also three options on this screen:

Continue Tap **Continue** when you are finished to connect to the session.

Tap the **Info** button to view HOBLink iWT product information.

Cancel Tap **Cancel** to return to the **Configurations** screen.

If you have configured a **Load balancing** configuration (see Section 4.2.2 Connection Type – Load Balancing on page 35), tap the configuration on the **Configurations** screen (see Figure 6 on page 13) and the following is displayed:

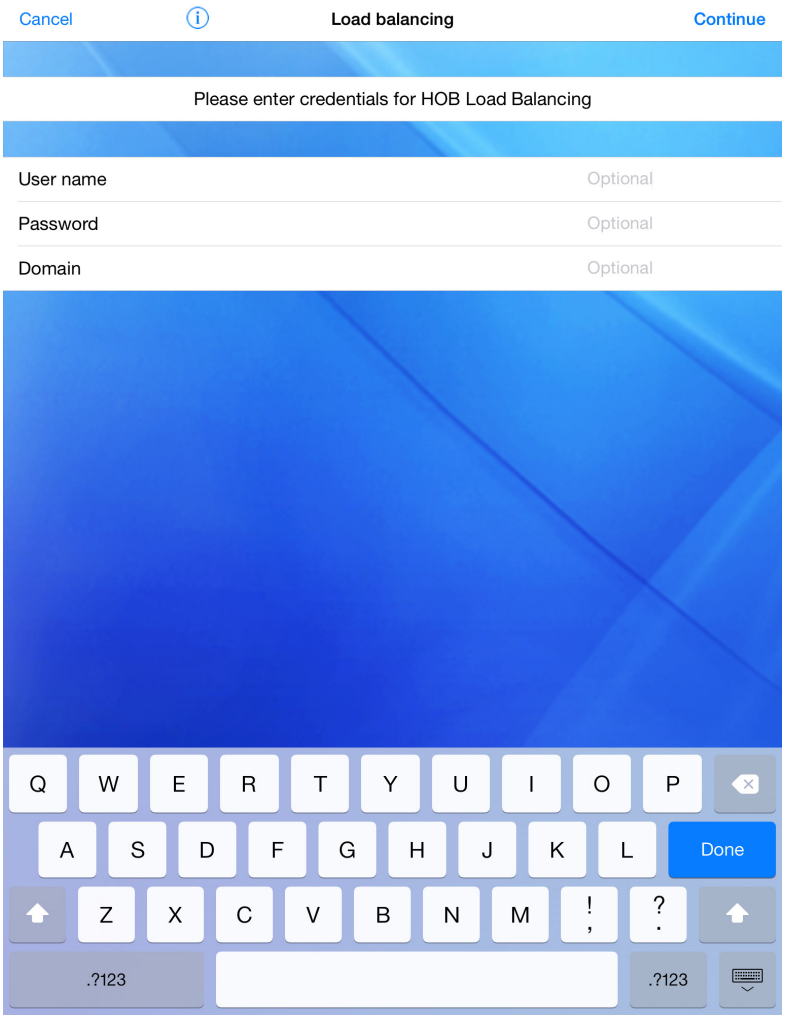

Figure 31: HOB Load Balancing Authentication

You have the following options on this screen:

- **User name** – enter your user name for authentication for HOB Load Balancing.
- **Password** – enter your password for authentication for HOB Load Balancing.
- **Domain** – enter the name of the domain here.

Only the field **User name** is required to logon above. Entering your information in the other fields is useful if you would like to logon automatically. See Section 4.3 Logon on page 43 for more information.

The options on this screen have the following functions:

Continue Tap **Continue** when you are finished to connect to the session.

Tap the **Info** button to view HOBLink iWT product information.

Cancel Tap **Cancel** to return to the **Configurations** screen (see Figure 6 on page 13).

If you have configured a **WebSecureProxy socks mode** configuration (see Section 4.2.3 Connection Type – WebSecureProxy Socks Mode on page 39), then tap the configuration on the **Configurations** screen (see Figure 6 on page 13) and the following screen will be displayed:

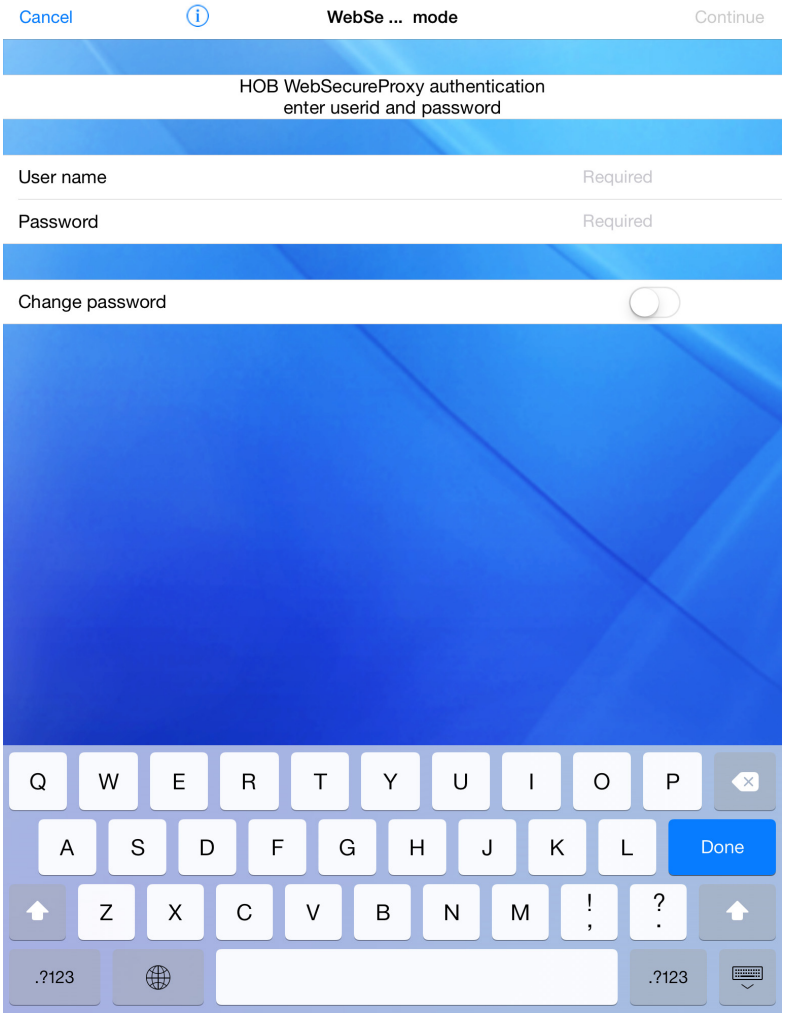

Figure 32: WebSecure Authentication

- **User name** – enter your user name for authentication for the HOB WSP here. This is a required field.
- **Password** – enter your password for authentication for the HOB WSP here. This is a required field.
- **Change password** – turn this **ON** to display the appropriate fields for changing and confirming your new password

The options on this screen have the following functions:.

Continue Tap **Continue** when you are finished to connect to the session.

Tap the **Info** button to view HOBLink iWT product information.

Cancel Tap **Cancel** to return to the **Configurations** screen (see Figure 6 on page 13).

Please be careful when changing your password as it could change across the entire domain. This depends on how the server has been configured. Contact your IT administrator to find out what consequences changing your password could have.

After successful authentication, you will be connected to the Windows application.

Figure 33: Windows Application

You can use every program and application just as if you were sitting at the workstation. At the top of the screen, you have the **Connection Bar**.

5.1 The Connection Bar

Figure 34: Connection Bar

The **Connection Bar** is always visible in portrait mode; however, in landscape mode it is hidden and can be accessed by tapping the **Keyboard** button. The name of the connection is in the middle of the **Connection Bar** (in this case it is **Windows 8**).

The **Connection Bar** has the following options:

Disconnect Tap **Disconnect** to disconnect your connection and return to the **Configurations** screen (see Figure 6 on page 13). If you have more than one connection running, the current connection will be disconnected and the next connection in the list (when you tap the **Connections** button, as described below) will be opened.

Tap the **Info** button to view HOBLink iWT product information.

Tap the **Keyboard** button to open or close the keyboard.

Tap the **Connections** button to view a list of current connections, as shown in Figure 35 on page 56.

Tap the **Connections** button on the **Connection Bar** (see Figure 34 on page 55) to display the following screen:

Figure 35: Connections Options

Tap **New Connection** to return to the **Configurations** screen (see Figure 6 on page 13) to start a new connection. You can also switch between connections by tapping them. You can also do the following on this screen:

- Tap the **Connections** button to close the **Connections** window.

5.2 The Keyboard

At the bottom of the **Windows Application** screen (see Figure 33 on page 54), you have the keyboard. You can use the **Keyboard** button on the **Connection Bar** (see Figure 34 on page 55) to open or close the keyboard or you can use the **Keyboard Toggle** gesture, see Section 6 Gestures on page 59.

HOBLink iWT also supports external keyboards (either with a cable connector or bluetooth).

The keyboard is split up into two halves due to space:

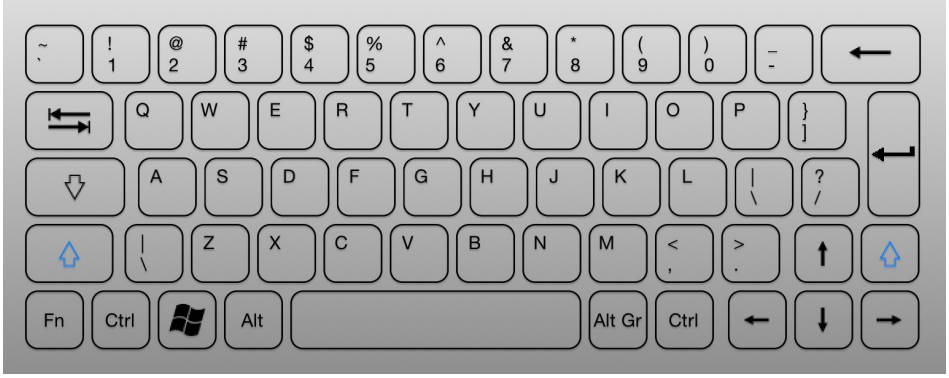

Figure 36: Keyboard First Half

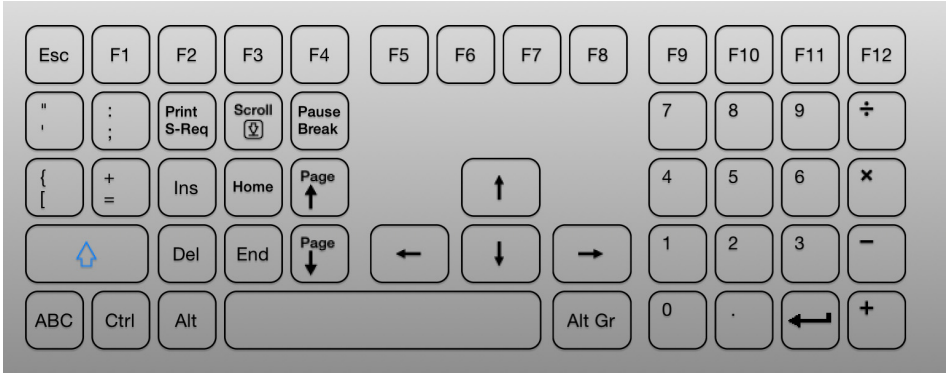

Figure 37: Keyboard Second Half

The following keys have been added to the keyboard in portrait mode in order to make working with HOBLink iWT easier:

Tap the **Function** key to display the second half of the keyboard (see Figure 36 above) when working in portrait mode.

Tap the **ABC** key to display the first half of the keyboard (see Figure 37 above) when working in portrait mode.

This is the keyboard in landscape mode:

Figure 38: Keyboard Landscape Mode

The keyboard has all of the functions of a Windows keyboard. The following keys have been added to the keyboard in landscape mode in order to make working with HOBLink iWT easier:

Tap the **Show/Hide** key to show/hide the **Connection Bar** (see Figure 34 on page 55) while working in landscape mode.

Tap the **Keyboard** key to hide the keyboard in landscape mode. If you have hidden the keyboard, use the **Keyboard Toggle** gesture (see Section 6 Gestures on page 59) to open it again.

The keyboard layout will differ depending on what language settings you have chosen on your iPad.

6 Gestures

Due to the absence of the mouse, gestures are used to control the mouse pointer. Tap gestures (single, double and triple) are interpreted as left button mouse clicks at the tap position.

Left Click:

A quick, single tap is interpreted as a left click.

Right Click:

A long, single tap is interpreted as a right click.

Keyboard Toggle:

Tap with 2 or 3 fingers to toggle the keyboard on or off while working in the Windows application. This is useful in landscape mode.

Zoom In:

Place 2 fingers on the screen and move them apart from each other to zoom in.

Zoom Out:

From the **Zoom In** position, move the 2 fingers closer together to zoom out.

Shake:

Shake the iPad from left to right to resize the screen content to the locked mode.

Further information on gestures:

- **Pan**: move your finger around on the screen to pan.
  - If the content is too large to be shown completely on the screen, the screen is then unlocked and the content is can be moved.
  - If the content fits entirely on the screen, the screen is then locked and the pan motion is interpreted as a mouse motion with the left mouse button clicked, e.g. to mark text or to move an icon.
- **Zoom In**: this gesture is used to toggle between two modes:
  - If the content is too large to be shown completely on the screen, the screen is then unlocked and can be moved to show the content.
  - If the content fits entirely on the screen, the screen is then locked and cannot be moved in any direction.

7 Information and Support

If you would like further information about HOBLink iWT or if you need product support, please contact us at:

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